

WHAT IS CLAIMED IS:

1. A filter screen having a metallic screen body, wherein it is treated to obtain the ability capable of releasing an energy to negatively ionize the ions in the air.
2. The filter screen of claim 1, wherein said filter screen is formed of a metallic screen body treated in a treatment tank containing a discharge electrode plate and a receiving electrode plate so as to have a memorized wave of wave length ranging $5\ \mu\text{m} \sim 20\ \mu\text{m}$, when placed in various environments, said filter screen is able to negatively ionize the ions in the air passing therethrough by releasing an energy wave motion so as to recover the air into its original pure state thereby improving the quality of the air and enhance the human health.
3. The filter screen of claim 2, wherein said discharge electrode plate contains a mineral plate.
4. An apparatus for aiding vehicle fuel combustion and purifying exhaust gas comprising a fuel activation device and an air purification device, wherein said fuel activation device is composed of a tubular main body in communication with a fuel flow conduit and a plurality of active sphere balls accommodated in said tubular main body, said active sphere balls are immense in the fuel flow completely so as to effectively activate the fuel oil,

said air purification device which being the filter screen as that of claim 1, 2 or 3 is interposed between the air filter and the engine.

5. The apparatus of claim 4, wherein said active sphere balls are formed of ceramic, SiO_2 , TiO_2 , and the rare metals such as Mn and Mg mixed and pressed with special stone powder emittable of a strong far infrared ray, and then heated to a temperature of 1300°C so as to acquire the ability to irradiate a far infrared ray, the composition of said active sphere balls is (all in weight %): SiO_2 29%~38%, TiO_2 35%~46%, Mn 21%~29%, Mg 2%~4%, and 7~15% special stone powder consisting at least one element selected from the group of Se, La, Mo, Ni, and Al, being able to emit a far infrared ray of wave length $4\ \mu\text{m} \sim 14\ \mu\text{m}$ with 5mv of impressed voltage on 5g of said active sphere ball.